

05-31-01

A

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	MKSS:003 11867.0003.NPUS00	Total Pages	110
	First Named Inventor or Application Identifier			
	Steffanie G. Waddington			
	Express Mail Label No.	EL708375887US		
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> <b>Assistant Commissioner for Patents</b> <b>Box Patent Application</b> <b>Washington, DC 20231</b>		
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 72] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D Invention</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 29]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration (unexecuted) [Total Pages 4]</p> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]</li><li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul>		
		<b>Accompanying Application Parts</b>		
		<p>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other ..</p>		
		<p>The Commissioner is hereby authorized to deduct the filing fee in the amount of \$818.00 or credit any over payments to Arnold White &amp; Durkee, Deposit Account No. 01-2508/MKSS:003 (11867.0003.NPUS00)</p>		
<b>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</b>				
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. _____				
<b>18. CORRESPONDENCE ADDRESS</b>				
<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or <input type="checkbox"/> New correspondence address below				
NAME	Jon D. Shutter, Reg. No. 41,311			
ADDRESS	Howrey Simon Arnold & White, LLP P.O. Box 4433			
CITY	Houston	STATE	TX	
COUNTRY	U.S.A.	TELEPHONE	312-595-1239	
		FAX	312-595-2250	

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<div style="text-align: center; font-weight: bold; font-size: 1.2em;">FEE TRANSMITTAL</div>		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	Steffanie G. Waddington
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	(\$) 818.00	Attorney Docket Number	MKSS:003 (11867.0003.NPUS00)

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																		
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: <b>01-2508/MKSS:003 (11867.0003.NPUS00)</b> Deposit Account Number Deposit Account Name <b>ARNOLD WHITE &amp; DURKEE</b> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1 18 at the Mailing of the Notice of Allowance, 37 CFR 1 31(b)					3. <b>ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840</td><td>113</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,570</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>16</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1 129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td></td> <td style="text-align: right;">(\$)</td> </tr> </tbody> </table>					Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920	112	920	Requesting publication of SIR prior to Examiner action		113	1,840	113	1,840	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	400	216	200	Extension for response within second month		117	950	217	475	Extension for response within third month		118	1,570	218	755	Extension for response within fourth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,320	241	660	Petition to revive unintentionally abandoned application		142	1,320	242	660	Utility issue fee (or reissue)		143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	16	146	790	246	395	Filing a submission after final rejection (37 CFR 1 129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						<b>SUBTOTAL (3)</b>					(\$)
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																			
127	50	227	25	Surcharge - late provisional filing or cover sheet																																																																																																																																																																																			
139	130	139	130	Non-English specification																																																																																																																																																																																			
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																			
112	920	112	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																			
113	1,840	113	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																			
115	110	215	55	Extension for response within first month																																																																																																																																																																																			
116	400	216	200	Extension for response within second month																																																																																																																																																																																			
117	950	217	475	Extension for response within third month																																																																																																																																																																																			
118	1,570	218	755	Extension for response within fourth month																																																																																																																																																																																			
119	310	219	155	Notice of Appeal																																																																																																																																																																																			
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																			
121	270	221	135	Request for oral hearing																																																																																																																																																																																			
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																			
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																			
141	1,320	241	660	Petition to revive unintentionally abandoned application																																																																																																																																																																																			
142	1,320	242	660	Utility issue fee (or reissue)																																																																																																																																																																																			
143	450	243	225	Design issue fee																																																																																																																																																																																			
144	670	244	335	Plant issue fee																																																																																																																																																																																			
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																			
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																			
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																			
581	40	581	40	Recording each patent assignment per property (times number of properties)	16																																																																																																																																																																																		
146	790	246	395	Filing a submission after final rejection (37 CFR 1 129(a))																																																																																																																																																																																			
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																			
Other fee (specify) _____																																																																																																																																																																																							
Other fee (specify) _____																																																																																																																																																																																							
<b>SUBTOTAL (3)</b>					(\$)																																																																																																																																																																																		
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other <b>FEE CALCULATION (fees effective 10/01/96)</b>					* Reduced by Basic Filing Fee Paid																																																																																																																																																																																		
<b>1. FILING FEE</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td><u>\$710.00</u></td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td></td><td></td><td></td></tr> <tr><td>245</td><td></td><td></td><td></td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td></td> <td style="text-align: right;">(\$ <u>\$710.00</u>)</td> </tr> </tbody> </table>					Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	710	201	355	Utility filing fee	<u>\$710.00</u>	106	320	206	160	Design filing fee		107	490	207				245				Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					(\$ <u>\$710.00</u> )	<b>2. CLAIMS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Extra</th> <th></th> <th>Fee from below</th> <th></th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims 26-20 =</td> <td>6</td> <td>X</td> <td><u>18</u></td> <td>=</td> <td>\$108 00</td> </tr> <tr> <td>Independent 3 - 3 =</td> <td>0</td> <td>X</td> <td><u>80</u></td> <td>=</td> <td>\$</td> </tr> <tr> <td>Claims</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td>X</td> <td></td> <td>=</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td></td> <td style="text-align: right;">\$108.00</td> </tr> </tbody> </table>						Extra		Fee from below		Fee Paid	Total Claims 26-20 =	6	X	<u>18</u>	=	\$108 00	Independent 3 - 3 =	0	X	<u>80</u>	=	\$	Claims						Multiple Dependent Claims		X		=		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim		109	80	209	40	Reissue independent claims over original patent		110	18	210	9	Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					\$108.00																																														
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
101	710	201	355	Utility filing fee	<u>\$710.00</u>																																																																																																																																																																																		
106	320	206	160	Design filing fee																																																																																																																																																																																			
107	490	207																																																																																																																																																																																					
245				Plant filing fee																																																																																																																																																																																			
108	710	208	355	Reissue filing fee																																																																																																																																																																																			
114	150	214	75	Provisional filing fee																																																																																																																																																																																			
<b>SUBTOTAL (1)</b>					(\$ <u>\$710.00</u> )																																																																																																																																																																																		
	Extra		Fee from below		Fee Paid																																																																																																																																																																																		
Total Claims 26-20 =	6	X	<u>18</u>	=	\$108 00																																																																																																																																																																																		
Independent 3 - 3 =	0	X	<u>80</u>	=	\$																																																																																																																																																																																		
Claims																																																																																																																																																																																							
Multiple Dependent Claims		X		=																																																																																																																																																																																			
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
103	18	203	9	Claims in excess of 20																																																																																																																																																																																			
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																			
104	270	204	135	Multiple dependent claim																																																																																																																																																																																			
109	80	209	40	Reissue independent claims over original patent																																																																																																																																																																																			
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																			
<b>SUBTOTAL (2)</b>					\$108.00																																																																																																																																																																																		
SUBMITTED BY Typed or Printed Name    Jon D. Shutter Signature					Reg Number    41,311 Date    5/30/01    Deposit Acct User ID																																																																																																																																																																																		